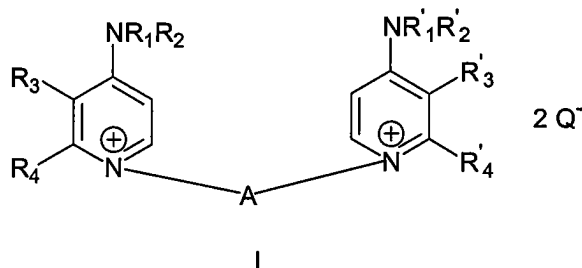


CLAIMS

1. A compound having general formula I:



where

Q^- represents the conjugate base of a pharmaceutically suitable organic or inorganic acid;

R_1 and R'_1 represent, independently of each other, a radical selected from the group formed by H and C_{1-6} alkyl optionally substituted by trifluoromethyl, hydroxyl or alkoxy;

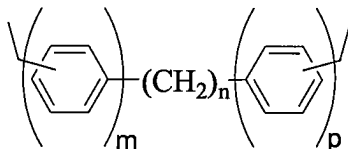
R_2 and R'_2 represent, independently of each other, an aryl radical optionally substituted by halogen, trifluoromethyl, hydroxyl, C_{1-6} alkyl, amino or alkoxy;

R_3 and R'_3 represent, independently of each other, either a radical selected from the group formed by H, halogen, trifluoromethyl, hydroxyl, amino, alkoxy and C_{1-6} alkyl optionally substituted by trifluoromethyl, hydroxyl, amino or alkoxy, or together with R_4 and R'_4 respectively, and independently of each other, a $-CH=CH-CH=CH-$ radical optionally substituted by halogen, trifluoromethyl, hydroxyl, C_{1-6} alkyl, amino or alkoxy;

R_4 and R'_4 represent, independently of each other, either a radical selected from the group formed by H and C_{1-6} alkyl optionally substituted by halogen, trifluoromethyl, hydroxyl, amino or alkoxy, or together with R_3 and R'_3 respectively, and independently of each other, a $-CH=CH-CH=CH-$ radical optionally substituted by halogen, trifluoromethyl, hydroxyl, C_{1-6} alkyl, amino or alkoxy; and

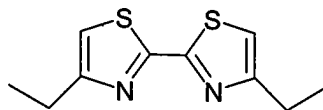
A represents a spacer group.

2. A compound according to claim 1, characterized in that spacer A has a formula selected from:

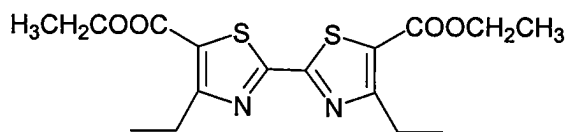


II

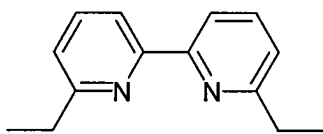
wherein m, n and p represent integers which can have the following values: m = 0, 1; n = 0, 1-10; p = 0, 1; with the condition that m, n and p do not take the value of zero at the same time.



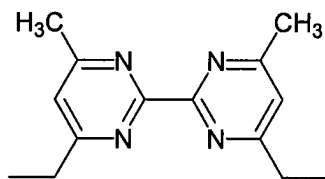
III



IV



V



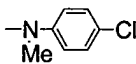
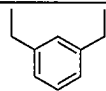
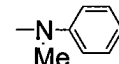
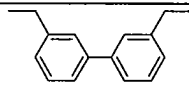
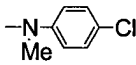
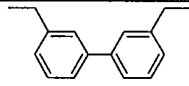
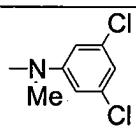
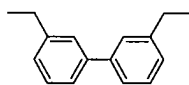
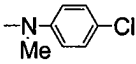
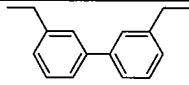
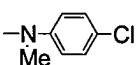
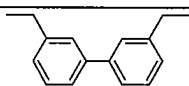
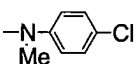
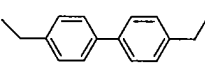
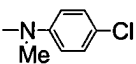
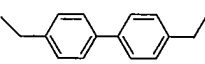
VI

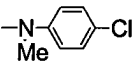
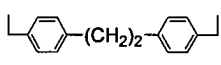
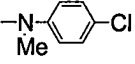
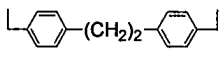
3. A compound according to previous claims, characterized in that R_2 and R'_2 represent, independently of each other, a phenyl radical optionally substituted by halogen, trifluoromethyl, hydroxyl, C_{1-6} alkyl, amino and alkoxy.

4. A compound according to claim 3, characterized in that R_1 and R'_1 represent a methyl radical, and in that R_2 and R'_2 represent, independently of each other, a phenyl radical optionally substituted by one or more halogen substituents.

5. A compound according to the previous claims, characterized in that both R_3 and R_4 and R'_3 and R'_4 together represent, although independently of each other, a $-\text{CH}=\text{CH}-\text{CH}=\text{CH}-$ radical optionally substituted by one or more halogen substituents.

6. A compound according to claim 1, characterized in that it has the following substituents:

| No. | R_3, R_4^* | NR_1R_2 | A | Code |
|-----|--|---|--|---------|
| 1 | H, H |  |  | ACG560B |
| 2 | H, H |  |  | ACG416B |
| 3 | H, H |  |  | ACG548B |
| 4 | H, H |  |  | ACG604A |
| 5 | $-(\text{CH}=\text{CH})_2-$ |  |  | RSM964A |
| 6 | $-\text{C}^5\text{H}=\text{C}^6\text{H}-$ $\text{C}^7\text{Cl}=\text{C}^8\text{H}-$ |  |  | RSM820C |
| 7 | $-(\text{CH}=\text{CH})_2-$ |  |  | RSM932A |
| 8 | $-\text{C}^5\text{H}=\text{C}^6\text{H}-$ $\text{C}^7\text{Cl}=\text{C}^8\text{H}-$ |  |  | RSM824B |

| | | | | |
|----|--|---|--|---------|
| 9 | $-(\text{CH}=\text{CH})_2-$ |  |  | RSM936A |
| 10 | $-\text{C}^5\text{H}=\text{C}^6\text{H}-$ $\text{C}^7\text{Cl}=\text{C}^8\text{H}-$ |  |  | RSM828B |

*R₃ and R₄ can mean either each one is hydrogen or both form a single radical.

7. A compound according to claim 6, characterized in that Q represents Br (bromide) or F₆P (hexafluorophosphate).

8. A pharmaceutical formulation comprising at least one compound defined in claims 1 to 7 as an active ingredient.

9. A compound according to claims 1 to 7 for its use in medicine, particularly for its use in the treatment of cancer, for antiviral, antiparasitic and antifungal treatment.

10. A compound according to claims 1 to 7 for the treatment of breast, lung, colorectal and pancreatic cancer.

11. The use of a compound according to claims 1 to 7 in the manufacture of a medicament, particularly for the treatment of cancer, for antiviral, antiparasitic and antifungal treatment.

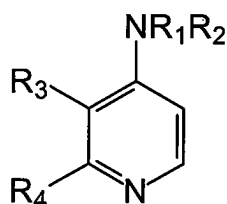
12. The use of a compound according to claims 1 to 7 in the manufacture of a medicament for the treatment of breast, lung, colorectal and pancreatic cancer.

13. A process for preparing a compound according to claim 1 comprising reacting:

- a) the corresponding heterocyclic derivative of formula VII and the dihalogenated derivative AX₂ (where X represents the halogen atom: Cl, Br or I) in 2:1 molar amounts in an organic solvent or,

- b) the corresponding heterocyclic derivative of formula VII and the dihalogenated derivative AX_2 (where X represents the halogen atom: Cl, Br or I) in a 1:1 molar ratio in an organic solvent, in order to give a monoquaternized product which is again reacted with another different heterocyclic derivative molecule, in a 1:1 molar ratio, using an organic solvent that is more polar than the first one.

14. A compound having general formula VII:



VII

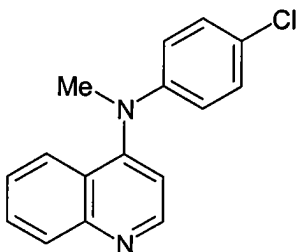
where

- R_1 represents a radical selected from the group formed by H and C_{1-6} alkyl optionally substituted by trifluoromethyl, hydroxyl or alkoxy;
- R_2 represents an aryl radical optionally substituted by halogen, trifluoromethyl, hydroxyl, C_{1-6} alkyl, amino or alkoxy;
- R_3 represents either a radical selected from the group formed by H, halogen, trifluoromethyl, hydroxyl, amino, alkoxy and C_{1-6} alkyl optionally substituted by trifluoromethyl, hydroxyl, amino or alkoxy, or together with R_4 a $-CH=CH-CH=CH-$ radical optionally substituted by halogen, trifluoromethyl, hydroxyl, C_{1-6} alkyl, amino or alkoxy;
- R_4 represents either a radical selected from the group formed by H, and C_{1-6} alkyl optionally substituted by halogen, trifluoromethyl, hydroxyl, amino or alkoxy, or together with R_3 a $-CH=CH-CH=CH-$ radical optionally

substituted by halogen, trifluoromethyl, hydroxyl, C₁₋₆ alkyl, amino or alkoxyl.

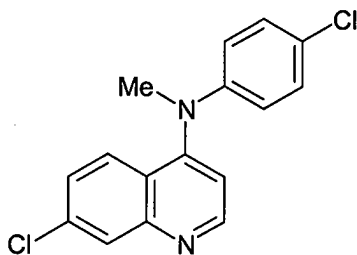
15. Compounds according to claim 14 having formulas:

4-(4-chloro-*N*-methylanilino)quinoline



VIII A

and 7-chloro-4-(4-chloro-*N*-methylanilino)quinoline



VIII B.